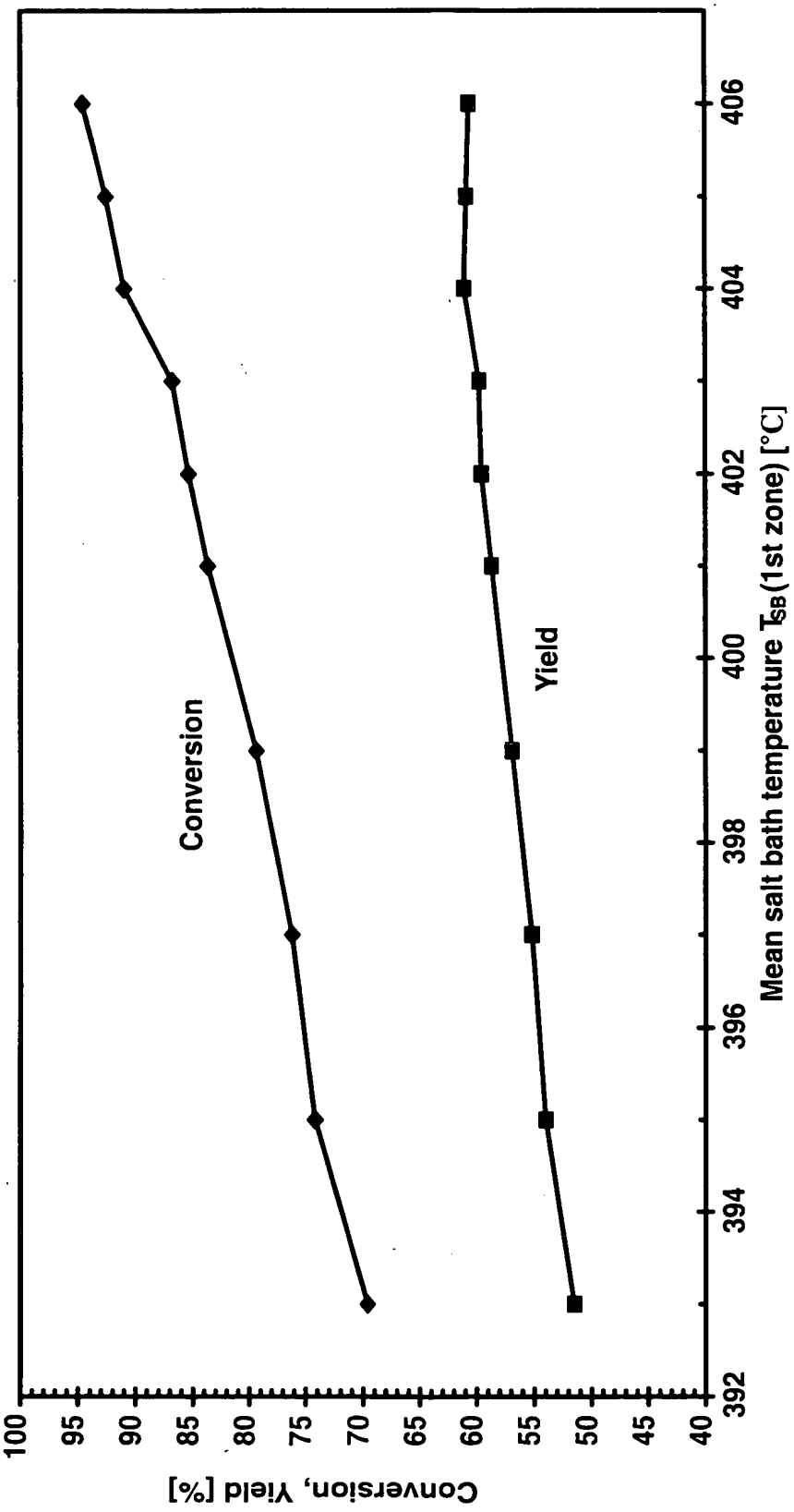


Figure 1:
Conversion C and Yield Y as a function of mean saltbath temperature in operation as a single-zone reactor (n-butane concentration at the reactor inlet: 2.0% by volume)

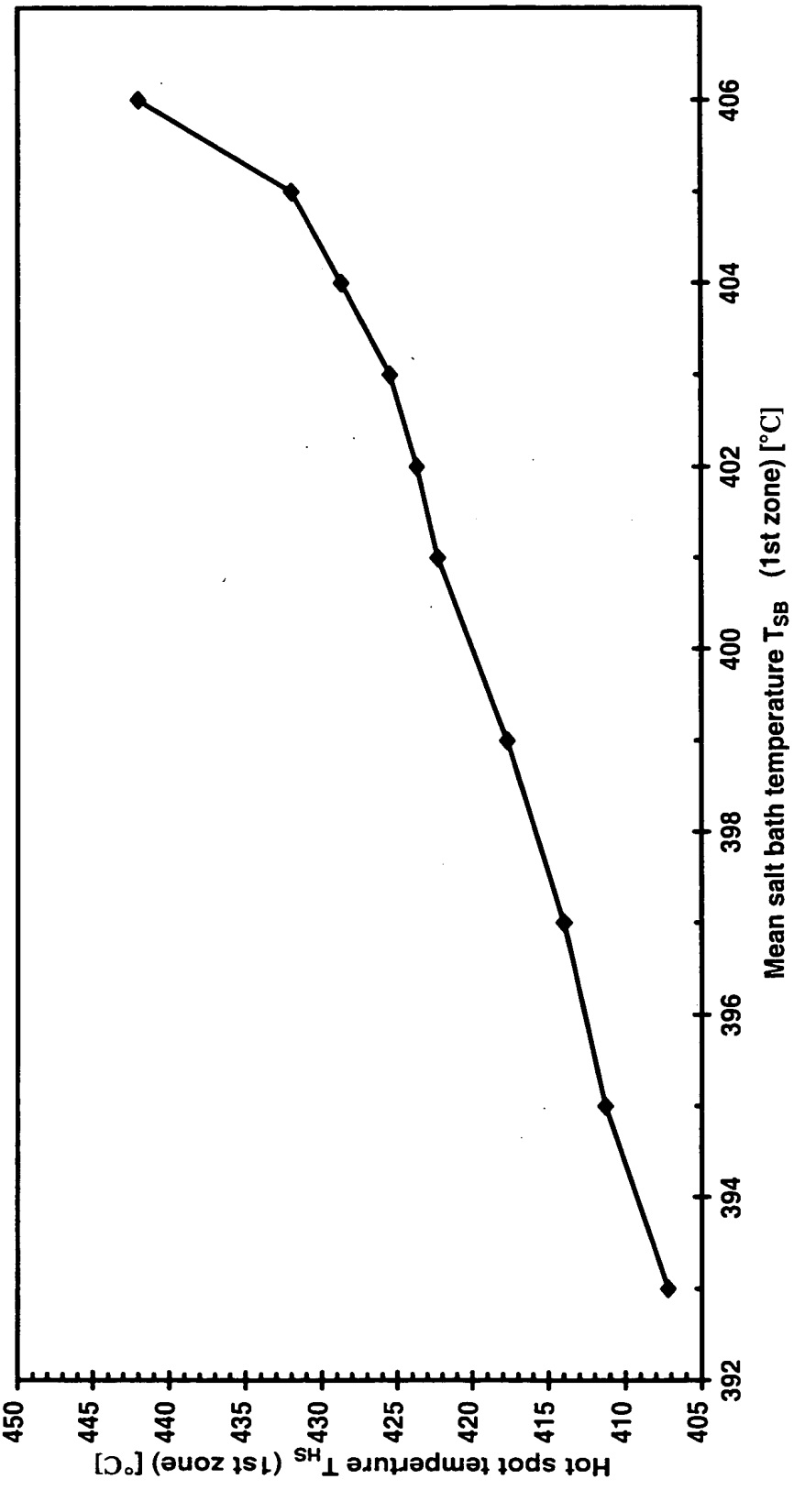


Figure 2:
Hotspot temperature T_{HS}(1st zone) as a function of the mean saltbath temperature T_{SB}(1st zone)
(n-butane concentration at the reactor inlet: 2.0% by volume)

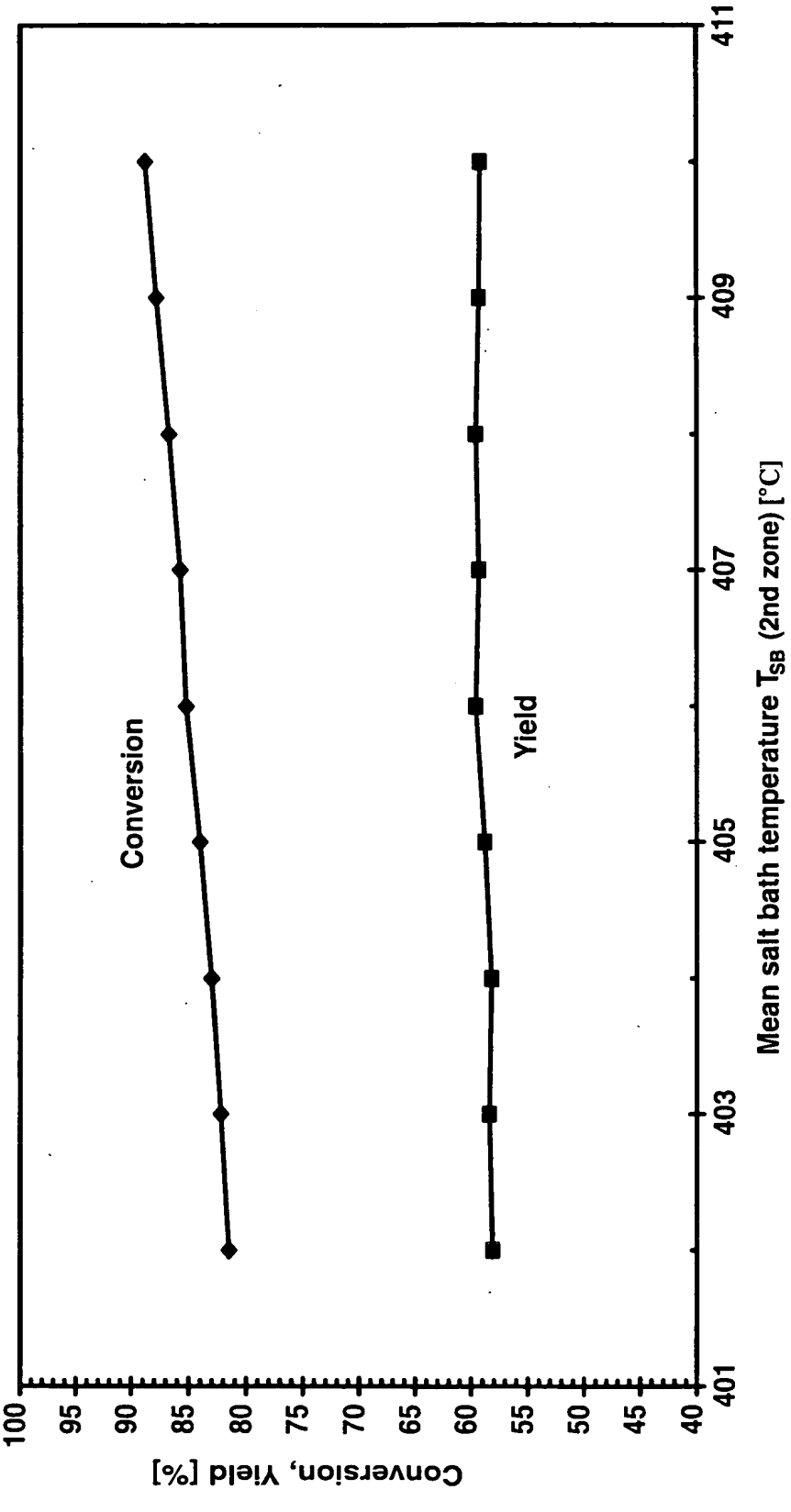


Figure 3:
Conversion C and Yield Y as a function of the mean saltbath temperature of the second zone T_{SB}(2nd zone) in operation as a two-zone reactor at a mean saltbath temperature of the first zone T_{SB}(1st zone) of 400°C (n-butane concentration at the reactor inlet: 2.0% by volume)

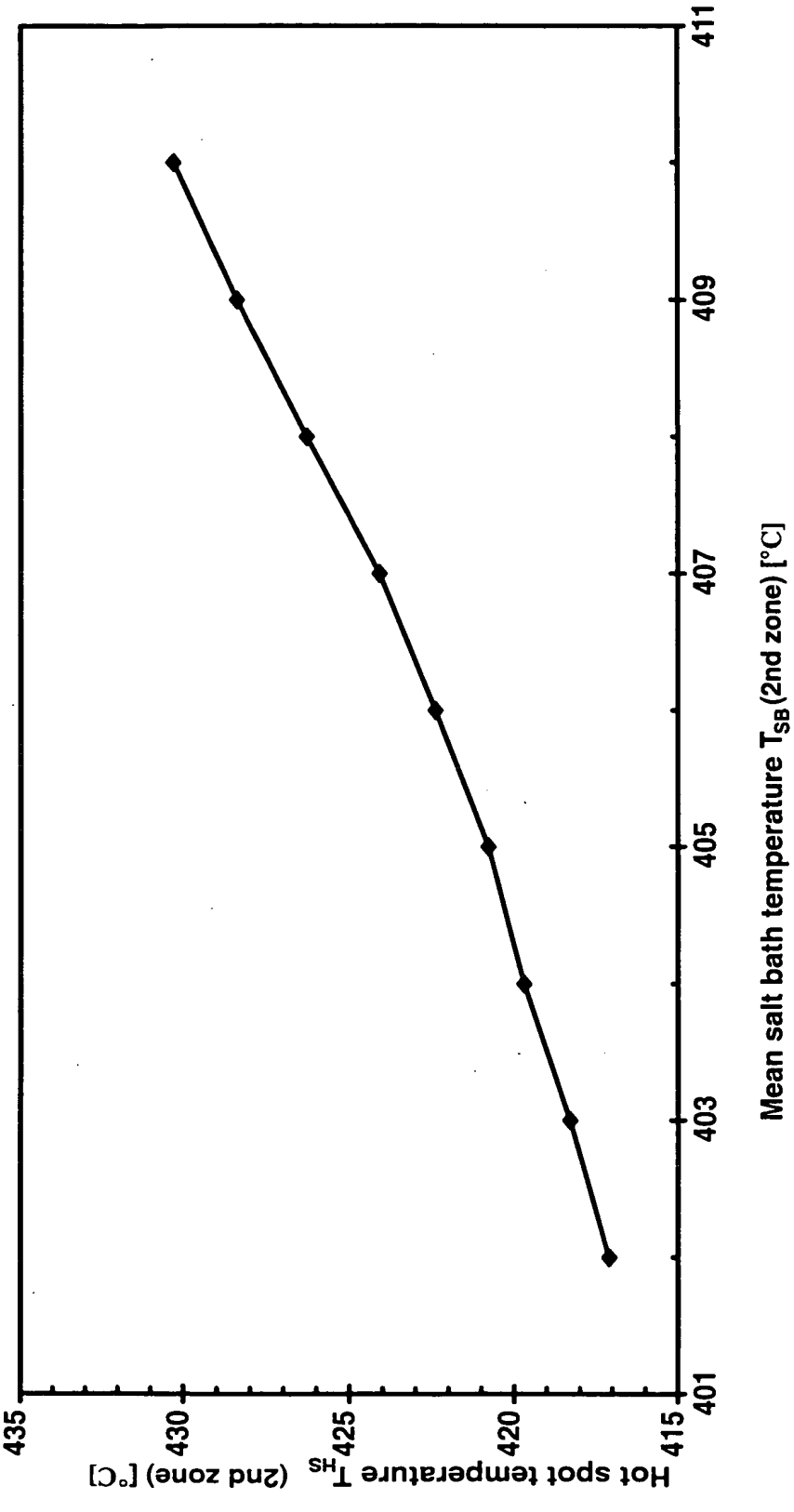


Figure 4:
Hotspot temperature T_{HS} (2^{nd} zone) as a function of the mean saltbath temperature of the second zone T_{SB} (2^{nd} zone) in operation as a two-zone reactor at a mean saltbath temperature of the first zone T_{SB} (1^{st} zone) of 400°C (n-butane concentration at the reactor inlet: 2.0% by volume)

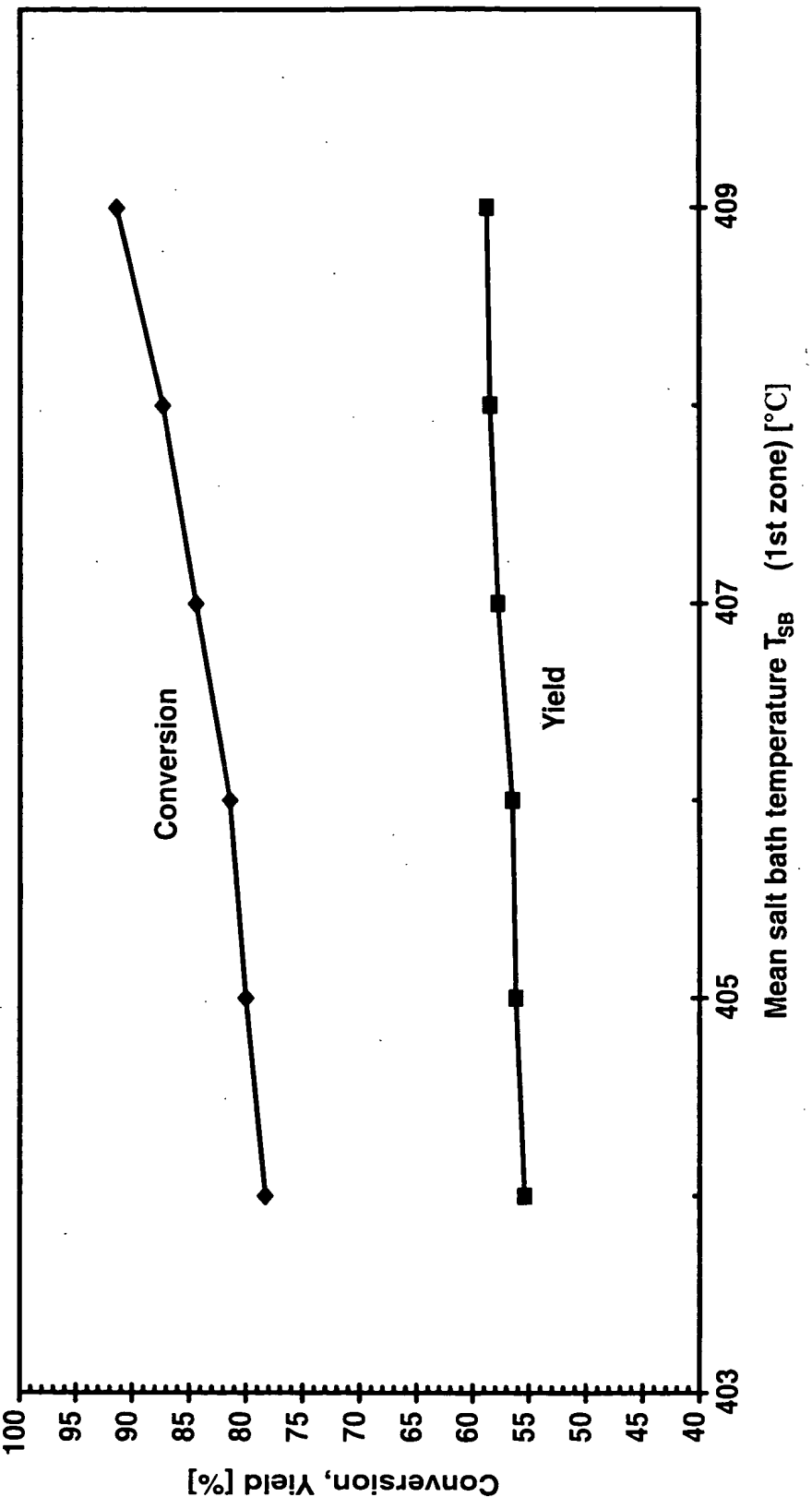


Figure 5:
Conversion C and Yield Y as a function of the mean saltbath temperature in operation as a single-zone reactor (n-butane concentration at the reactor inlet: 2.2% by volume)

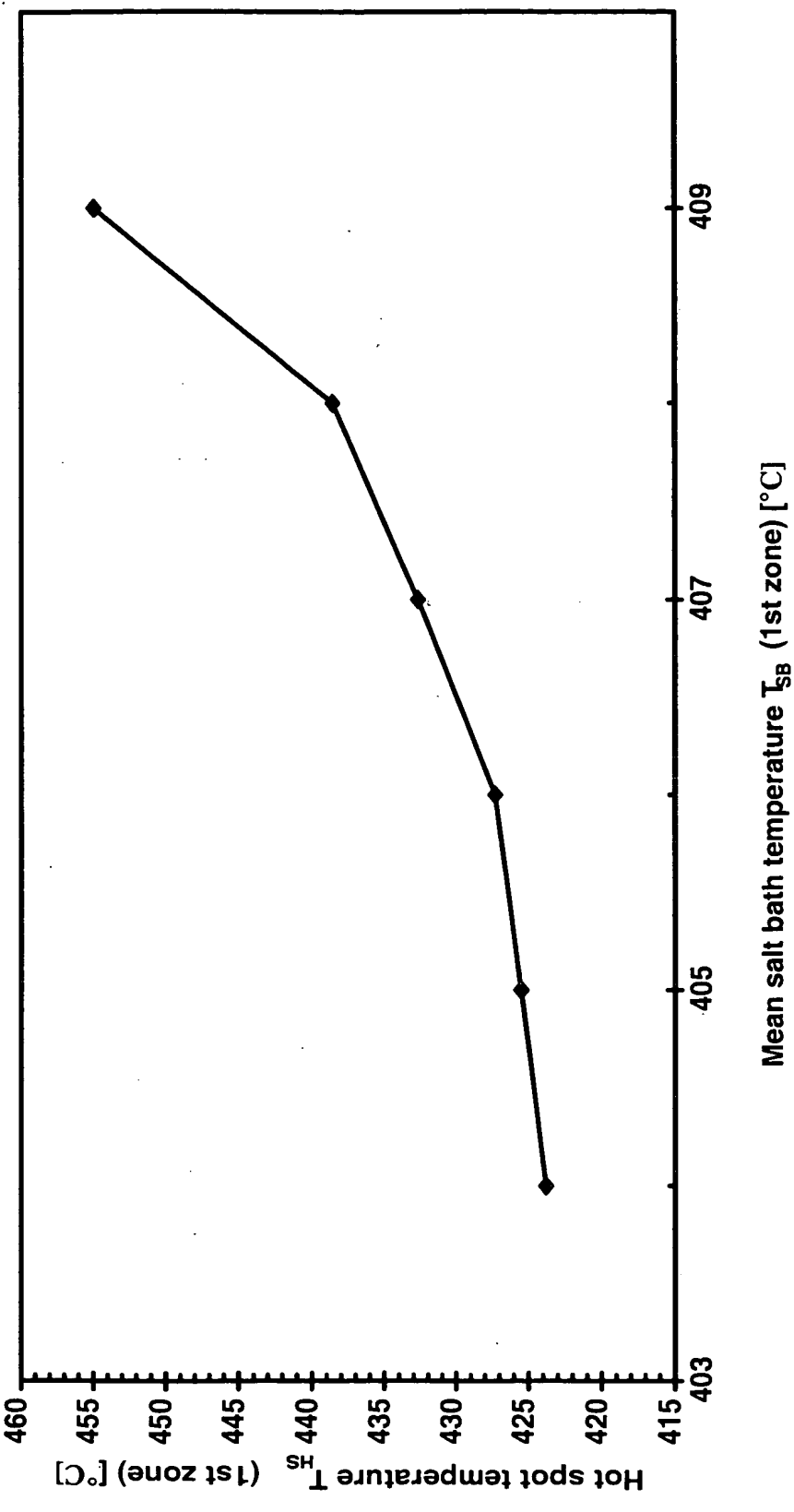


Figure 6:
Hotspot temperature T_{HS}(1st zone) as a function of the mean saltbath temperature T_{SB}(1st zone)
(n-butane concentration at the reactor inlet: 2.2% by volume)

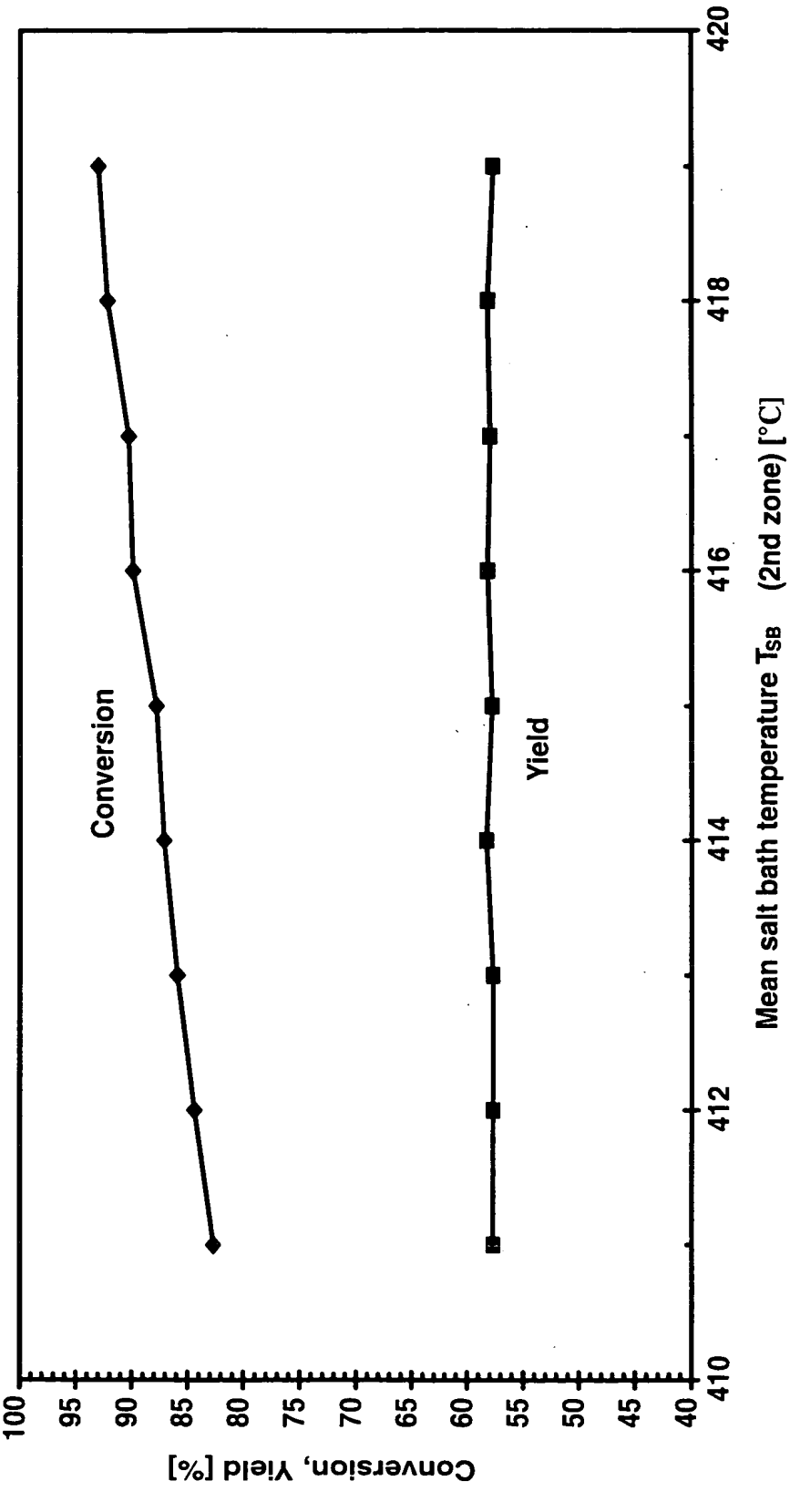


Figure 7:
Conversion C and Yield Y as a function of the mean saltbath temperature of the second zone T_{SB}(2nd zone) in operation as a two-zone reactor at a mean saltbath temperature of the first zone T_{SB}(1st zone) of 400°C (n-butane concentration at the reactor inlet: 2.2% by volume)

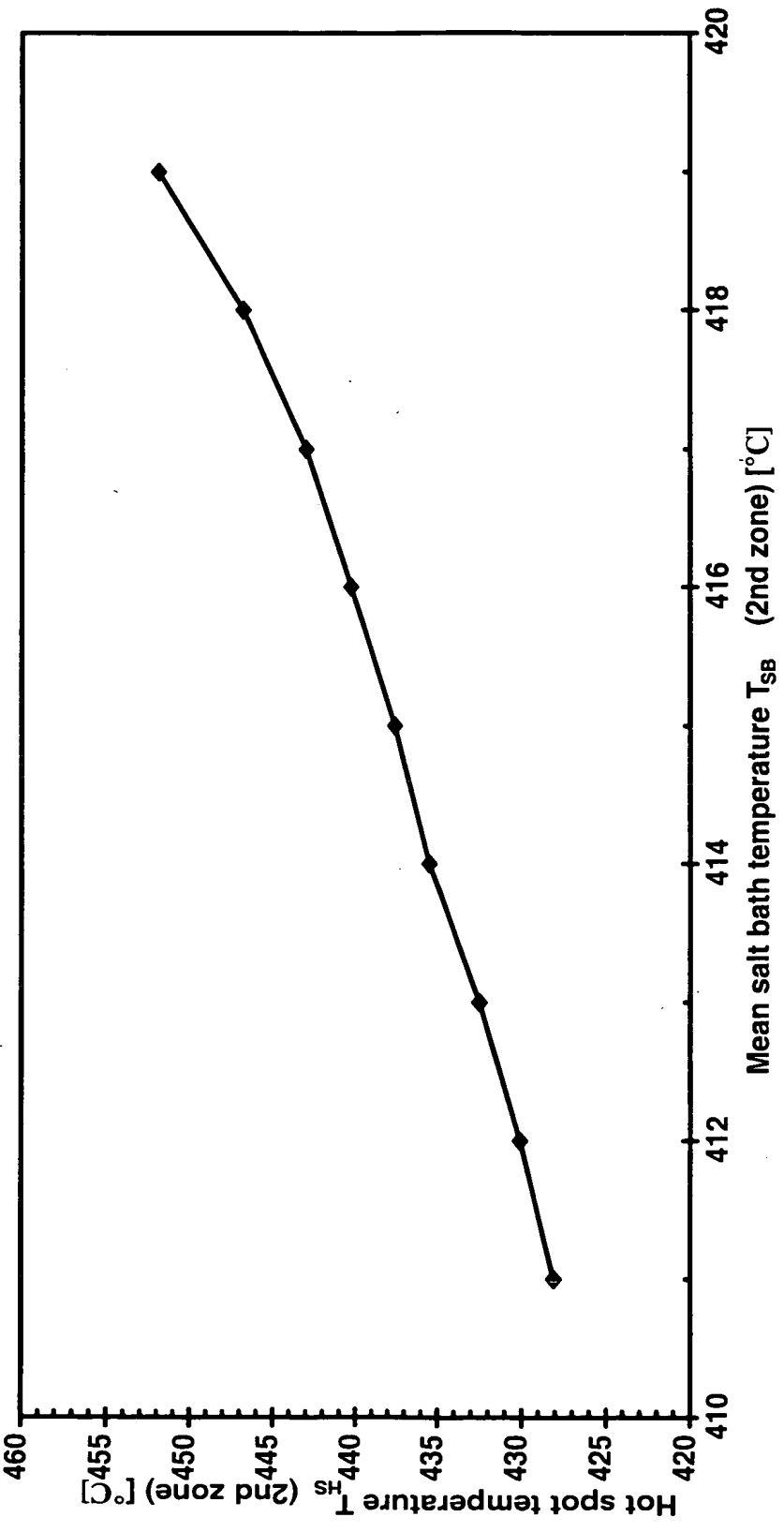


Figure 8:
Hotspot temperature T_{HS} (2^{nd} zone) as a function of the mean saltbath temperature of the second zone T_{SB} (2^{nd} zone) in operation as a two-zone reactor at a mean saltbath temperature of the first zone T_{SB} (1^{st} zone) of 400°C (n-butane concentration at the reactor inlet: 2.2% by volume)